

## Claims

1. A seat cup assembly for a percussion instrument, comprising  
a seat cup member having disk-shaped configuration and a first and second opposite side,  
said seat cup member having an aperture passing through a central portion, said aperture having  
5 a first portion defining a first diameter on said first side and a second portion defining a second  
diameter on said second opposite side,  
wherein the reversible seat cup is adapted to provide a first free floating arrangement  
whereby said seat cup is adapted to pivot relative to a threaded support post, and a second fixed  
positioning arrangement whereby said seat cup is prevented from pivoting relative to said  
10 threaded support post.
2. The seat cup assembly of claim 1, wherein said first side has a convex shape.
3. The seat cup assembly of claim 1, wherein said second side has a flat planar shape.
- 15 4. The seat cup assembly of claim 1, wherein said first portion defines a constant  
dimension for said first diameter.
5. The seat cup assembly of claim 1, wherein said second diameter is larger than said first  
20 diameter.

6. The seat cup assembly of claim 1, wherein said second portion defines an increasing dimension for said second diameter, said second diameter decreasing in a direction approaching said first portion.

5        7. The seat cup assembly of claim 1, further comprising an intermediate portion between said first portion and said second portion, said intermediate portion having a third diameter smaller than said first and second diameters.

8. The seat cup assembly of claim 1, wherein said seat cup member is circular in shape.

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9. The seat cup assembly of claim 1, wherein said seat cup member is a single homogenously formed unitary member.

10. A combination seat cup assembly and support post for a percussion instrument,  
comprising:

5 a support port having a first length with a first diameter and a second length with a  
second diameter larger than said first diameter;

a seat cup member having disk-shaped configuration and a first side and second side, said  
seat cup member having an aperture passing through a central portion, said aperture having a  
first portion defining a first open diameter on said first side and a second portion defining a  
second open diameter on said second opposite side,

10 wherein said first open diameter substantially matches said second diameter of said  
support post to lock said seat cup member against pivoting movement when a top of said second  
length is received in said first portion, and

wherein said second open diameter is substantially larger than said second diameter of  
said support post to provide a free floating arrangement whereby said seat cup is adapted to pivot  
15 relative to said support post.

11. A combination seat cup assembly and support post of claim 10, wherein said first  
side has a convex shape.

20 12. A combination seat cup assembly and support post of claim 10, wherein said second  
side has a flat planar shape.

13. A combination seat cup assembly and support post of claim 10, wherein said first portion defines a constant dimension for said first open diameter.

14. A combination seat cup assembly and support post of claim 10, wherein said second  
5 open diameter is larger than said first open diameter.

15. A combination seat cup assembly and support post of claim 10, wherein said second portion defines an increasing dimension for said second open diameter, said second open diameter decreasing in a direction approaching said first portion.

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16. A combination seat cup assembly and support post of claim 10, further comprising an intermediate portion between said first portion and said second portion, said intermediate portion having a third diameter smaller than said first and second open diameters.

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